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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,188	02/26/2002	Sung Woo Yang	742.01081703	1815

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EXAMINER

RAYYAN, SUSAN F

ART UNIT	PAPER NUMBER
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2177

DATE MAILED: 05/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/082,188

Applicant(s)

YANG ET AL.

Examiner

Susan F. Rayyan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 July 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-5 are pending.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. **Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Bowman et al. (US 6,169,986).**

As per independent claim Bowman anticipates:

- (a) under control of a vendor server system, storing book identifying information in a main database at col. 5, lines 42-43;
- (b) under control of a customer system, displaying means for entering a search term at col.6, lines 15-17 and fig.2;
- (c) under control of the vendor server system, in response to the search term entered by the customer in the means for entering a search term, accessing the main database to match the search term with the book identifying information and retrieve a search result comprising the book identifying information matching the search term at col.6, lines 22-30;
- (d) under control of the vendor server system, storing the search result in a narrow database at col. 14, line 49;
- (e) under control of a customer system, displaying the search result and

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means for entering a narrow search term at col.14, lines 26-30;

(f) under control of the vendor server system, in response to the narrow search term entered by the customer in the means for entering a narrow search term, accessing the narrow database to match the narrow search term with the book identifying information and retrieve a narrow search result comprising the book identifying information matching the narrow search term at col.14, lines 50-57;

(g) under control of the vendor server system, storing the narrow search result in the narrow database at col.14, lines 49;

(h) under control of a customer system, displaying the narrow search result and means for entering a narrow search term at col. 14, lines 53-54;

(i) repeating steps (f), (g) and (h) until either the narrow database is exhausted or a desired book is located at col.14, lines 45-46.

Bowman teaches storing book identifying information in a main, displaying means for entering a search term, accessing the main database to match the search term with the book identifying information and retrieve a search result comprising the book identifying information matching the search term, storing the search result in a narrow database, displaying the search result and means for entering a narrow search term in response to the narrow search term entered by the customer in the means for entering a narrow search term, accessing the narrow database to match the narrow search term with the book identifying information and retrieve a narrow search result comprising the book identifying information matching the narrow search term, storing the narrow search result in the narrow database , displaying the narrow search result

and means for entering a narrow search term, (i) repeating steps (f), (g) and (h) until either the narrow database is exhausted or a desired book is located at database at col. 5, lines 42-43, at col.6, lines 15-17,26-30, col. 14, lines 45-46,49-57 and fig. 2.

As per claim 2 same as claim arguments above and Bowman anticipates:
wherein said book identifying information further comprises an international standard book number at col.5, lines 44-50.

As per claim 3 same as claim arguments above and Bowman anticipates:
wherein said book identifying information further comprises a title at col.5, lines 44-50.

As per claim 4 same a claim arguments above and Bowman anticipates:
wherein said book identifying information further comprises an author at col.5, lines 44-50.

As per claim 5 same as claim arguments above and Bowman anticipates:
wherein said book identifying information further comprises a subject at col.5, lines 44-50.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan Rayyan whose telephone number is (703) 305-0311. The examiner can normally be reached M-F: 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on 703-305-9790. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for Official communications, (703) 746-7238 for After Final communications and (703) 746-7240 for Status inquiries and draft communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Susan Rayyan



May 24, 2004



GRETA ROBINSON
PRIMARY EXAMINER